

Abstract

- 5 The instant invention provides an add/drop device including a wavelength filter, a quarter waveplate disposed on either side of the wavelength filter, and a polarising beamsplitter disposed on either side of the quarter waveplates. Each polarising beamsplitter has an input port and an output port for launching and receiving a beam of light having a known polarisation. A polarisation switch is optically coupled to each input/output port for
- 10 selectably rotating the polarisation of the input/output beams of light. Advantageously, the polarisation switches, which work in cooperation with each other and the polarising beam splitters, provide means for a non-moving parts add/drop device.